

Goat anti-Human, Mouse OGG1 Polyclonal Antibody | anti-OGG1 antibody

Goat Polyclonal to Mouse OGG1

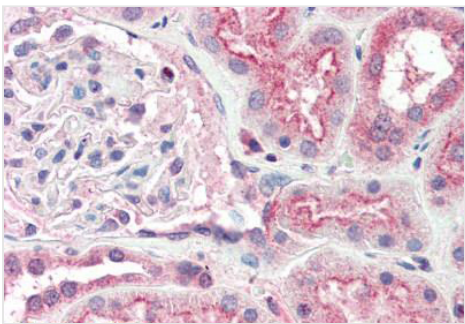
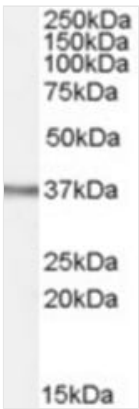
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50872	Goat	Human, Mouse	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

OGG1; Polyclonal Antibody; Goat Polyclonal to Mouse OGG1; Anti-OGG1 Antibody (Internal) IHC-plus; 8-oxoguanine DNA glycosylase; AP lyase; HMMH; N-glycosylase/DNA lyase; HOGG1; OGH1; OGG1 type 1f; MMH; MUTM; Mouse OGG1; anti-OGG1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Mouse OGG1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	324
Applicable Applications for anti-OGG1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Mouse
Immunogen Description	Synthetic peptide C-HPKTSQAKGPSPLANK from an internal region of mouse OGG1 (NP_035087.2). Percent identity with other species by BLAST analysis: Mouse (100%), Rat (88%), Hamster (88%), Elephant (88%), Panda (88%), Bovine (88%), Human (81%).
Immunogen Type	Synthetic peptide
Immunogen	OGG1 antibody was raised against synthetic peptide C-HPKTSQAKGPSPLANK from an internal region of mouse OGG1 (NP_035087.2). Percent identity with other species by BLAST analysis: Mouse (100%), Rat (88%), Hamster (88%), Elephant (88%), Panda (88%), Bovine (88%), Human (81%), Gorilla (81%), Monkey (81%), Dog (81%), Horse (81%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.



IHC (Immunohistochemistry)
Anti-OGG1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
Antibody (0.1 ug/ml) staining of Rat Spleen lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-OGG1 antibody	Ogg1 removes the mutagenic base, 8 oxoguanine, formed by oxidative DNA damage generated by reactive oxygen species (free radicals). It has been shown that loss of heterozygosity at the OGG1 locus occurs in lung and renal carcinomas.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8670530
NCBI GeneID	4968
NCBI Accession #	NP_058212.1
NCBI GenBank Nucleotide #	NM_016819.3
UniProt Accession #	O15527; O00390; O00670; O00705; O14876; O95488; P78554; Q9BW42; Q9UIK0; Q9UIK1; Q9UIK2; A8K1E3
Molecular Weight	36,085 Da
NCBI Official Full Name	N-glycosylase/DNA lyase isoform 1b
NCBI Official Synonym Full Names	8-oxoguanine DNA glycosylase
NCBI Official Symbol	OGG1
NCBI Official Synonym Symbols	HMMH; MUTM; OGH1; HOGG1
NCBI Protein Information	N-glycosylase/DNA lyase; AP lyase; OGG1 type 1f; 8-hydroxyguanine DNA glycosylase; DNA-apurinic or apyrimidinic site lyase
UniProt Protein Name	N-glycosylase/DNA lyase
UniProt Gene Name	OGG1
UniProt Synonym Gene Names	MMH; MUTM; OGH1; AP lyase
UniProt Entry Name	OGG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.